



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Branch (1145b)
3437 Airport Way
Suite 206
Fairbanks, Alaska 99709-4777

PUBLIC NOTICE DATE: August 1, 2005

EXPIRATION DATE: August 30, 2005

REFERENCE NUMBER: POA-2002-393-4

WATERWAY: Tanana River

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: Alaska Department of Transportation and Public Facilities (ADOT&PF), 2301 Peger Road, Fairbanks, Alaska 99709. Contact Mr. Chuck Howe.

LOCATION: Sections 17, 20, 28 and 29, T. 2 N., R. 15 W, Fairbanks Meridian; latitude 64.9887° N., longitude 150.6508° W (Airport Construction Site) latitude 64.9743° N., longitude 150.6328° W (Material Site), in Manley Hot Springs, Alaska.

WORK: The applicant proposes to mine 650,000 cubic yards of gravel from a 64-acre gravel bar on the Tanana River, and place approximately 650,000 cubic yards of gravel fill material into approximately 44.4-acres of wetlands for the construction and relocation of Manley Hot Springs Airport. Additionally, approximately 2,500 cubic yards of clean gravel material will be placed into Manley Hot Springs Slough.

Proposed Work Includes:

1. Construction of a 4,000' x 75' runway with a 4,600' x 150' safety area.
2. Construction of a 415' x 35' taxiway with a 415' x 80' safety area.
3. Construction of a 193,000 square foot apron and aviation support area.
4. Construction of a 760' x 50' taxiway to the apron with a 760' x 120' safety area.
5. Construction of a 2,500' x 60' ski runway with a 2,980' x 120' safety area and a 100' x 150' turnaround.
6. Construction of a 760' x 35' taxiway from the existing runway to the ski strip with a 760' x 80' safety area.
7. Construction of a 100' x 100' heliport within a 140' x 140' safety area.
8. Construction of a drainage ditch with two minor road crossings and placement of 350' of riprap at confluence with slough channel.
9. Landward excavation of a 125' x 80' floatplane harbor and the placement of 285' of riprap for bank stabilization. Approximately 10,000 cubic yards will be excavated for the floatplane facility.

10. Construction of a 120' x 24' concrete floatplane ramp.
11. Development of a material site below ordinary high water on the Tanana River.

All work would be completed in accordance with the attached plans, dated 5/04/05, 1 - 14 sheets.

PURPOSE: The purposed of the project is to improve safety and meet current Federal Aviation Administration (FAA) standards. The proposed project is consistent with the "Memorandum of Agreement (MOA) Between ADOT&PF, Federal Aviation Administration (FAA), US Army Corps of Engineers (Corps), United States Fish and Wildlife Service (USFWS), and the Alaska Department of Fish and Game (AKF&G) Regarding Impacts To Wetlands and Other Aquatic Resources, Mitigation and Airport Improvement Projects in Alaska".

ADDITIONAL INFORMATION: The material site would be excavated during the winter season to an elevation above the winter water table. The haul route will be located downstream of the material site along the bank of the Tanana River, ending at an existing boat launch area. No fill material will be placed into the Tanana River for road construction. A 50' buffer with 3:1 side slopes will be maintained between the edge of the bank and the excavated site. The entire site will be sloped to drain downstream. All embankment slopes will be seeded and re-vegetated with native grass species. Please note that vegetation will be cleared from the airport safety area by hydro-axing, however no grubbing, mechanized land clearing with a blade or the use of a masticating brush cutting head for the landclearing will occur.

MITIGATION: As a result of the MOA, unavoidable impacts to wetlands will be compensated through payments into a fund based on a per acre basis (current accepted rate is \$500.00/acre).

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

TRIBAL CONSULTATION: The Alaska District fully supports tribal self-governance and government-to-government relations between the Federal government and Federally recognized Tribes. This notice invites participation by agencies, Tribes, and members of the public in the Federal decision-making process. In addition, Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of

each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Engineer during the public comment period.

ENDANGERED SPECIES:

No threatened or endangered species are known to use the project area.

Preliminarily, the described activity will not affect threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS).

We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: None.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to

issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the

National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Forrest McDaniel at the Fairbanks Field Office, 907-474-2166, or by email at forrest.e.mcdaniel@poa02.usace.army.mil if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authorities:

(X) Perform work in or affecting navigable waters of the United States - Section 10 Rivers and Harbors Act 1899 (33 U.S.C. 403).

(X) Discharge dredged or fill material into waters of the United States - Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

A plan and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer
U.S. Army, Corps of Engineers

Attachments

FRANK H. MURKOWSKI, GOVERNOR

STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF WATER

Non-Point Source Water Pollution Control Program
401 Certification Program

NOTICE OF APPLICATION FOR STATE WATER QUALITY CERTIFICATION

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

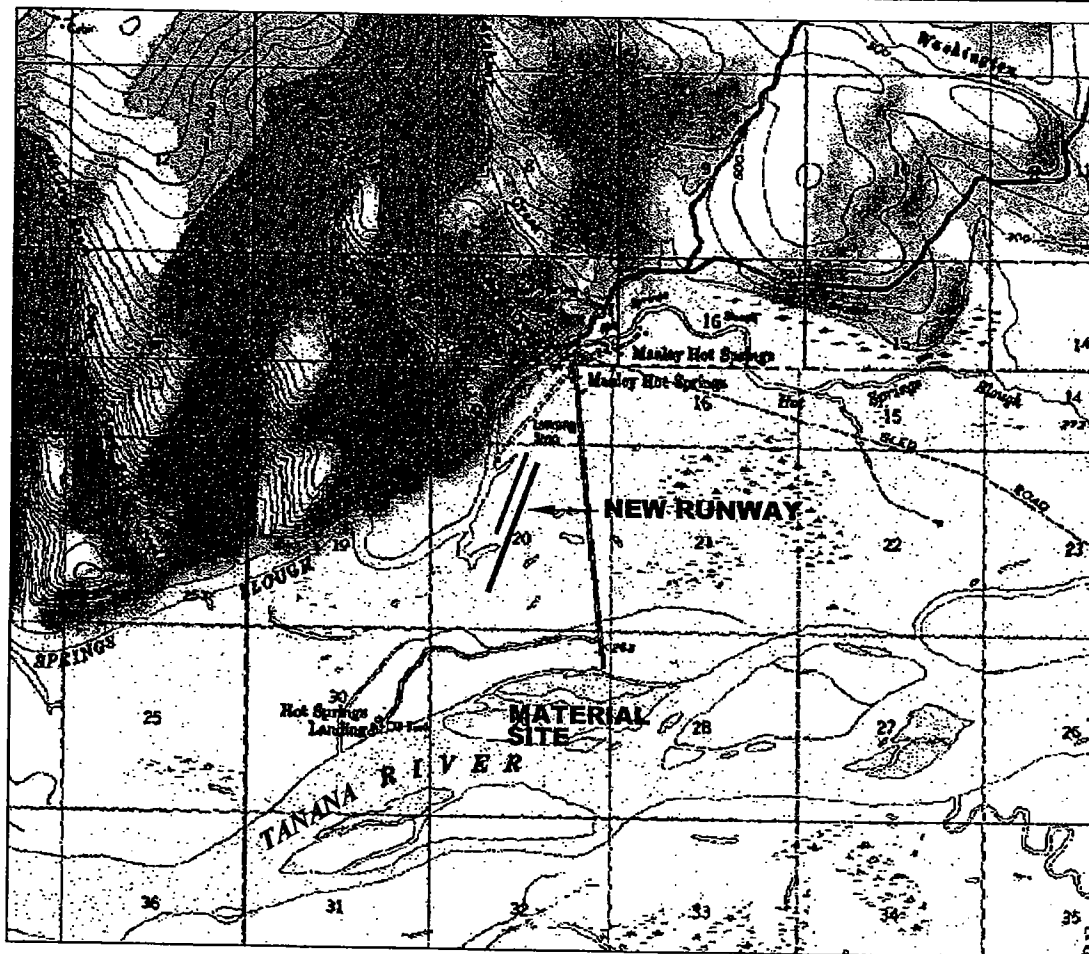
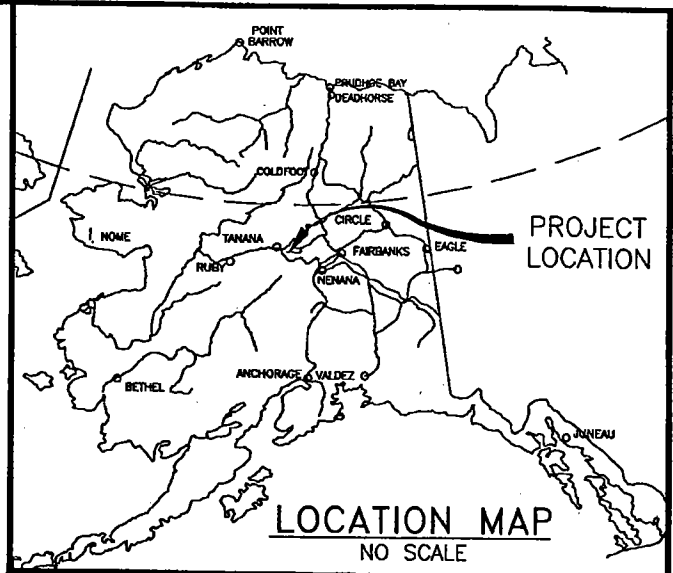
Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. POA 2002 393 4, Tanana River serves as application for a short-term variance of State Water Quality Certification from the Department of Environmental Conservation, as provided in Section 401 of the Clean Water Act of 1977 (PL 95-217).

The Department will review the proposed activity to ensure that, except for an allowed, short-term variance, any discharge to waters of the United States resulting from the referenced project will comply with the Clean Water Act of 1977 (PL95-217), the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

Department of Environmental Conservation
WQM/401 Certification
555 Cordova Street
Anchorage, Alaska 99501-2617
Telephone: (907) 269-7564
FAX: (907) 269-7508

POA-2002-393-4
**MANLEY HOT SPRINGS
 AIRPORT RELOCATION**



VICINITY MAP



U.S.G.S. QUADS TANANA (A-2) & KANTISHNA RIVER (D-2)
 SEC 17 & 20, T2N, R15W, FAIRBANKS MERIDIAN

STATE OF ALASKA
 Department of Transportation and Public Facilities
 2301 Peger Rd. Fairbanks, Ak 99709

Manley Hot Springs/61564
 AIRPORT RELOCATION

MANLEY HOT SPRINGS

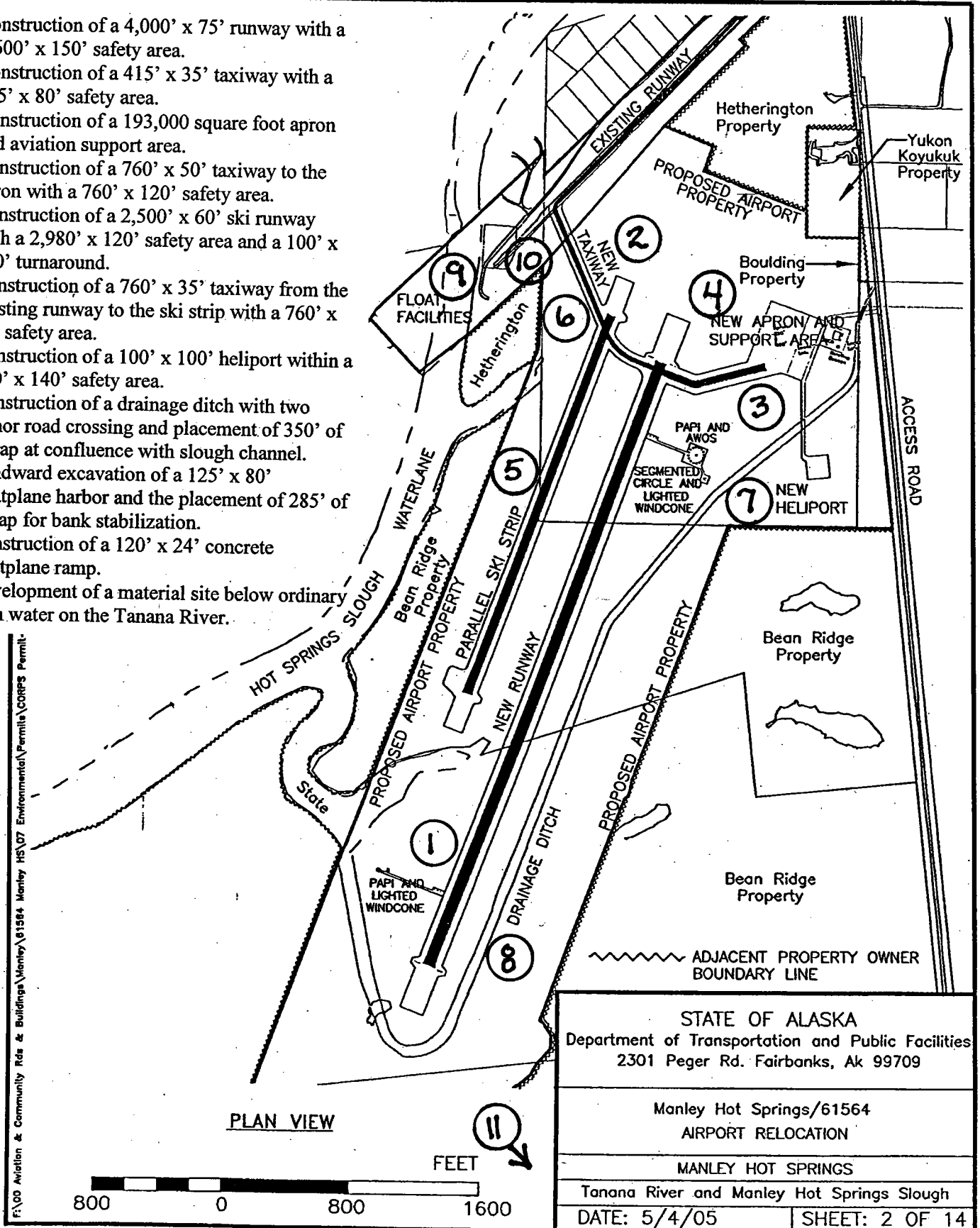
Tanana River and Manley Hot Springs Slough

DATE: 5/4/05

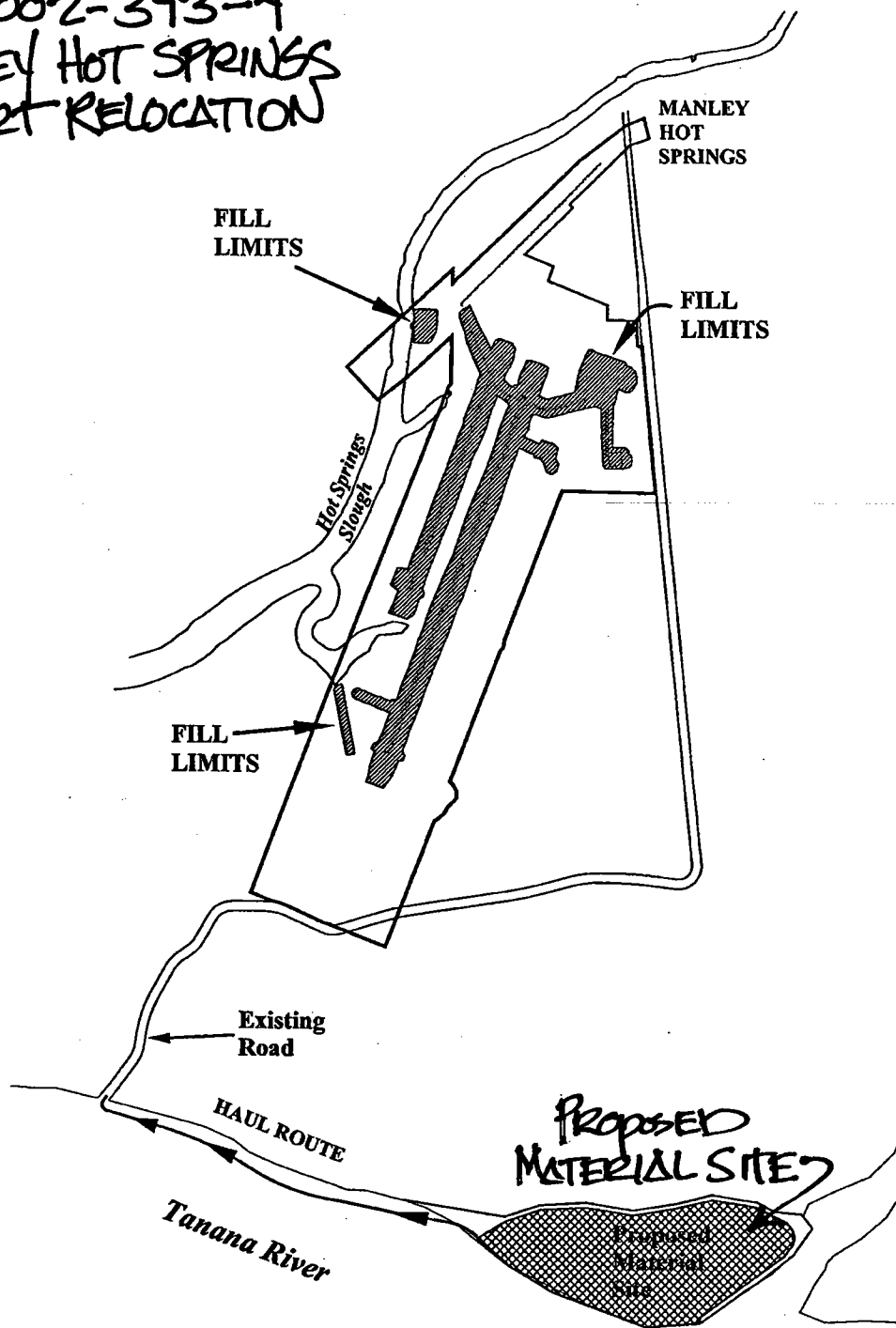
SHEET: 1 OF 14

POA-2002-393-4 MANLEY HOT SPRINGS AIRPORT RELOCATION

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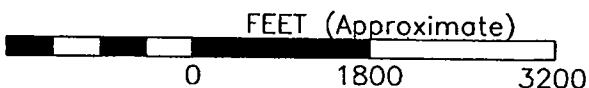
POA 2002-393-4
MANLEY HOT SPRINGS
AIRPORT RELOCATION



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MATERIAL SITE

USGS QUADS TANANA (A-2)
AND KANTISHNA (D-2)
Not to Scale



STATE OF ALASKA
Department of Transportation and Public Facilities
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Manley Hot Springs/61564
AIRPORT RELOCATION

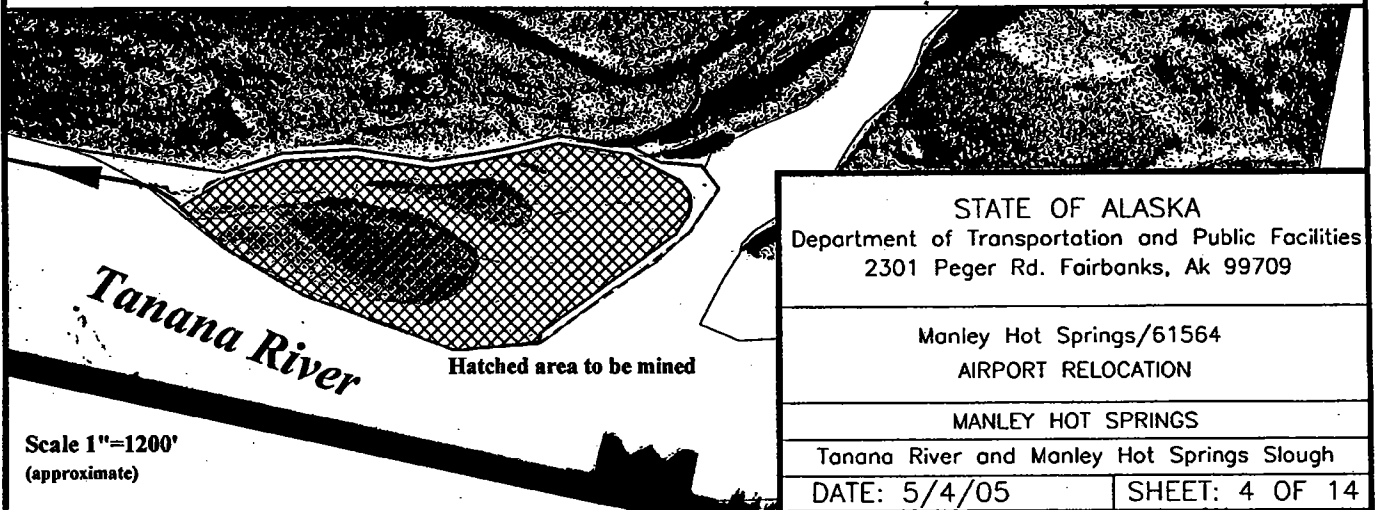
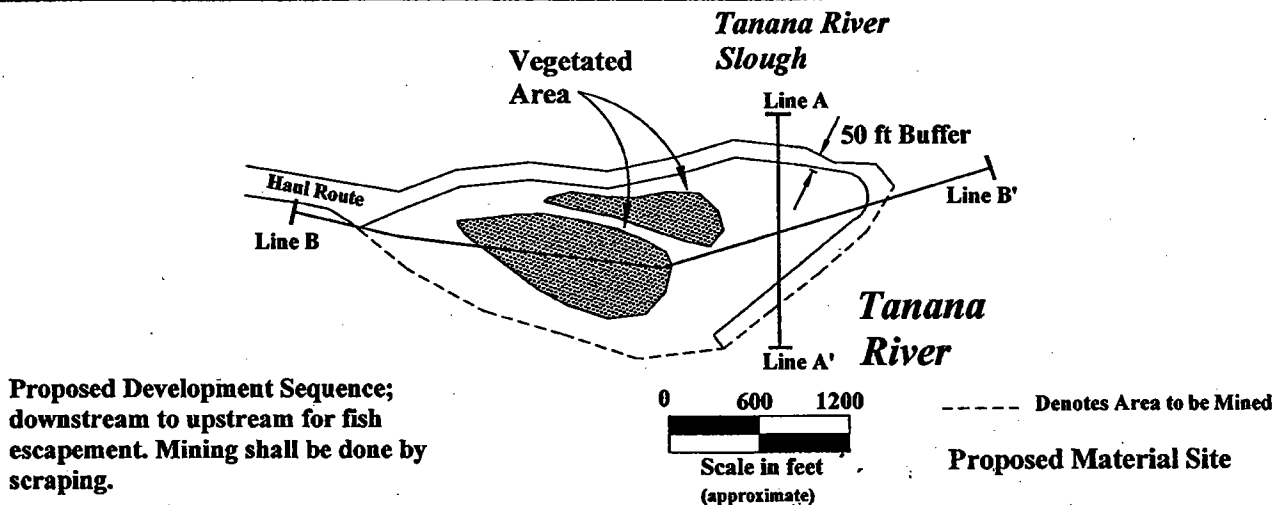
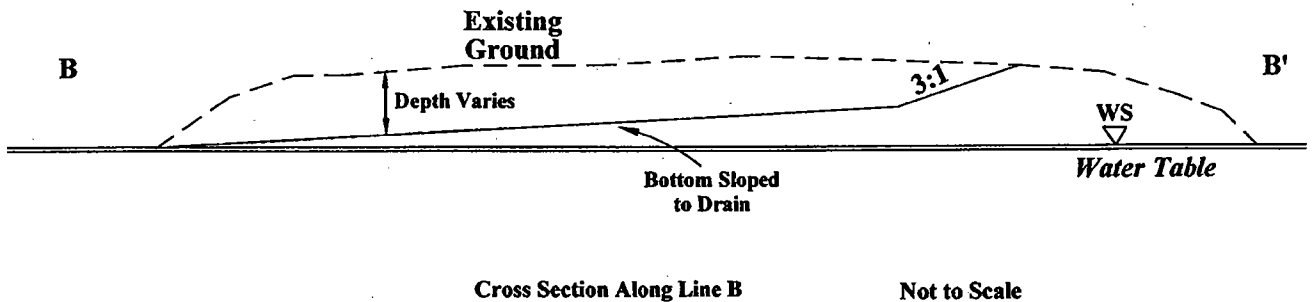
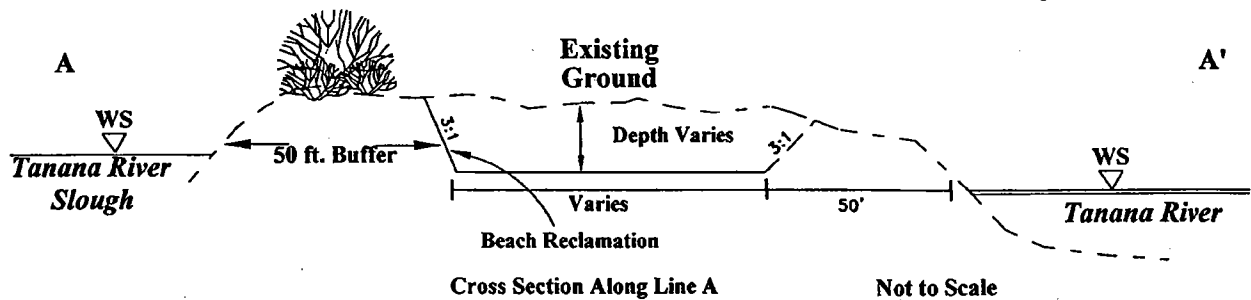
MANLEY HOT SPRINGS

Tanana River and Manley Hot Springs Slough

DATE: 5/4/05

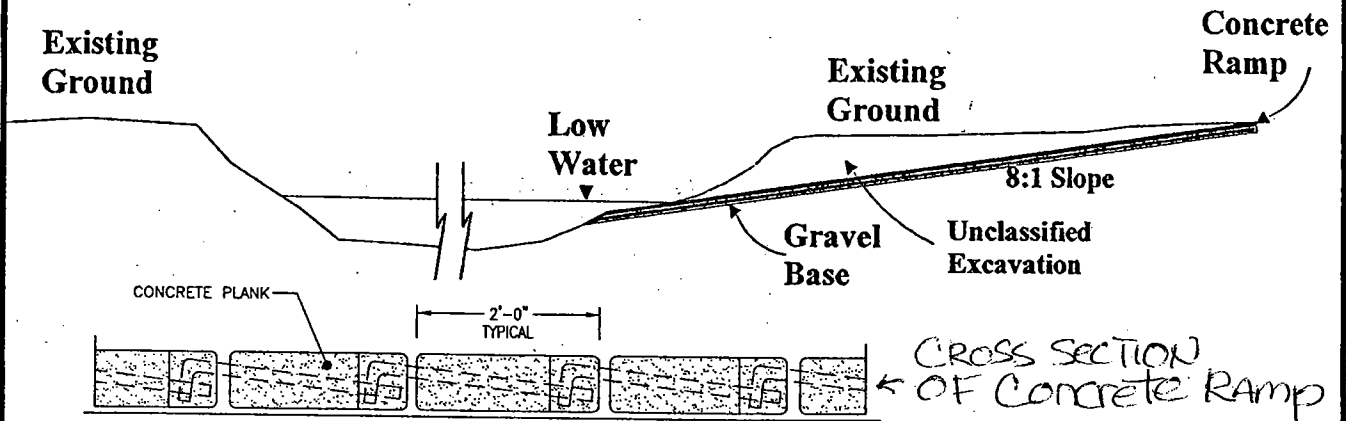
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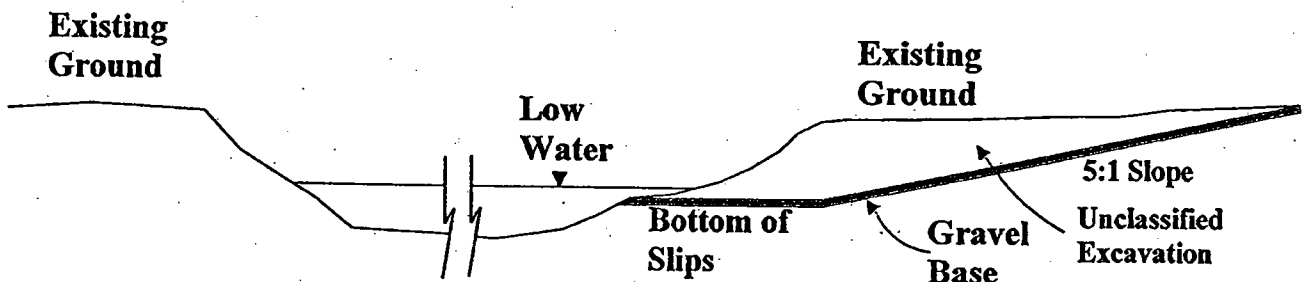


POA 2002-393-4 MANLEY HOT SPRINGS AIRPORT

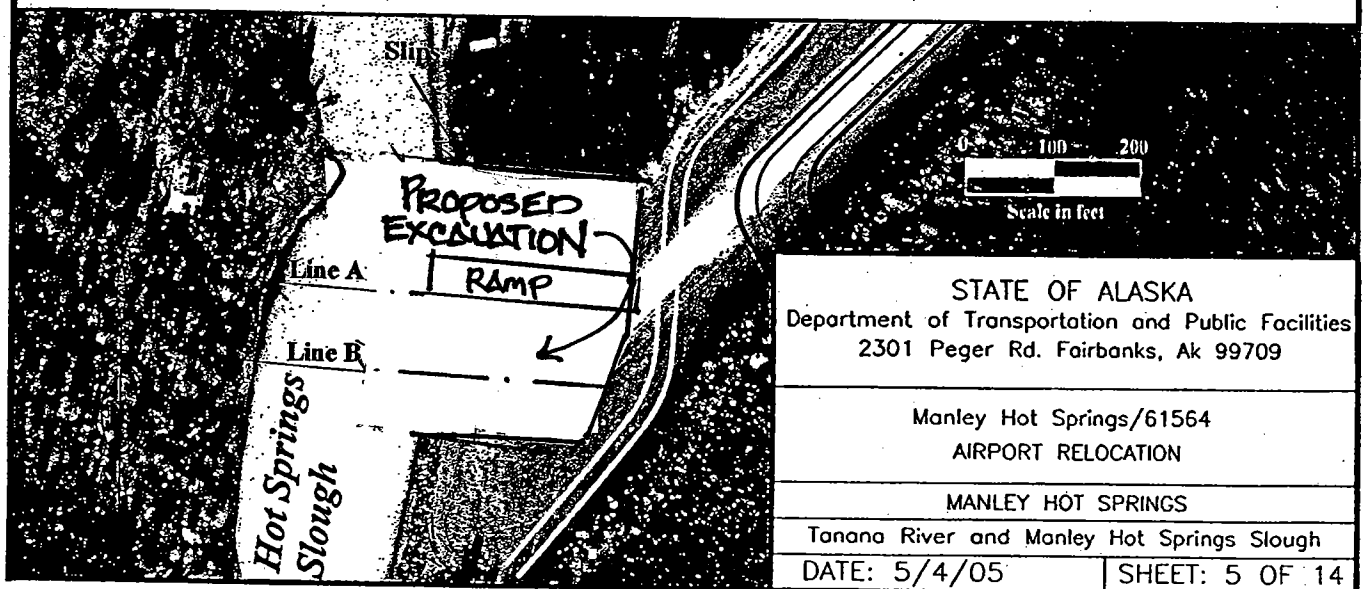
Typical Mining area Cross Section for Float Plane Ramp Line A



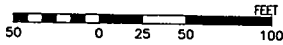
Typical Mining area Cross Section for Slips/Tie-Downs Line B



Note: Extraction area 1.5 feet below low water



DREDGING PLAN



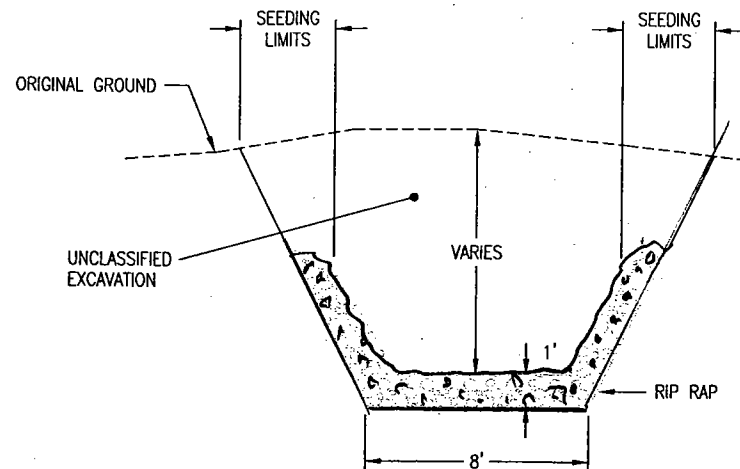
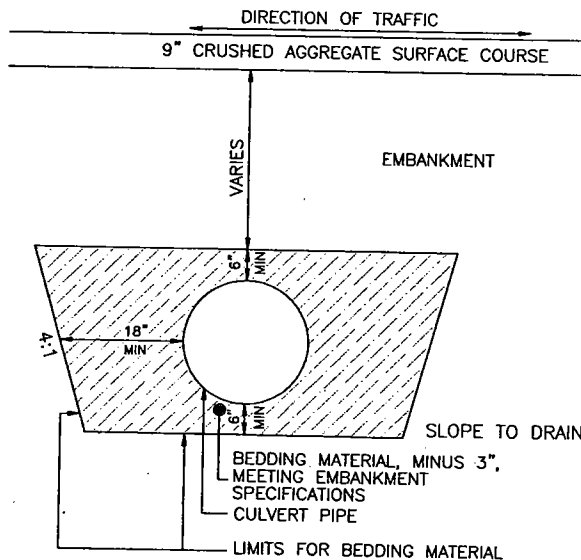
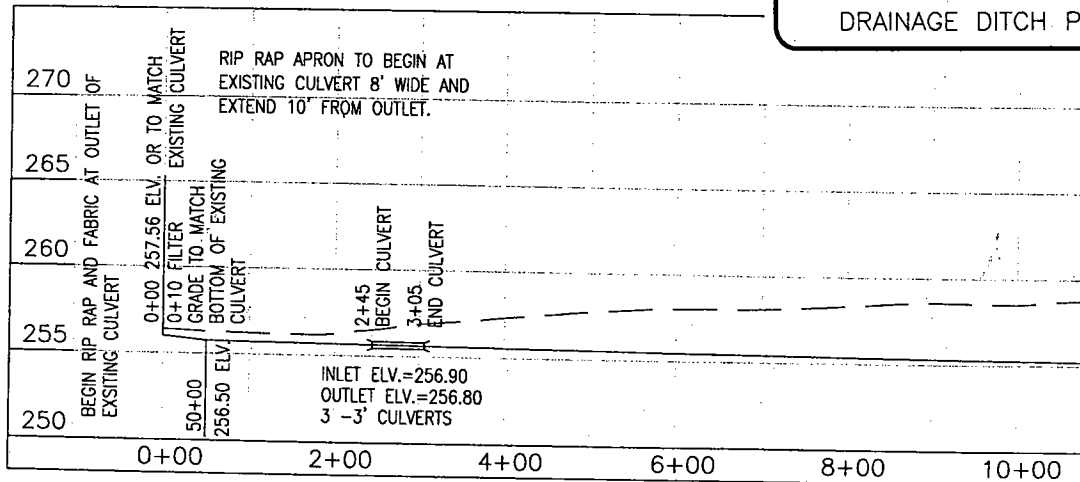
NOTE: DITCH SIDE SLOPES TO BE CONSTRUCTED AT 2.5:1 OR AS DIRECTED BY ENGINEER. ALL DITCH EXCAVATION SHALL BE USED ON SIDE SLOPES.

MANLEY AIRPORT

AIRPORT RELOCATION

AIP 3-02-0170-001/61564

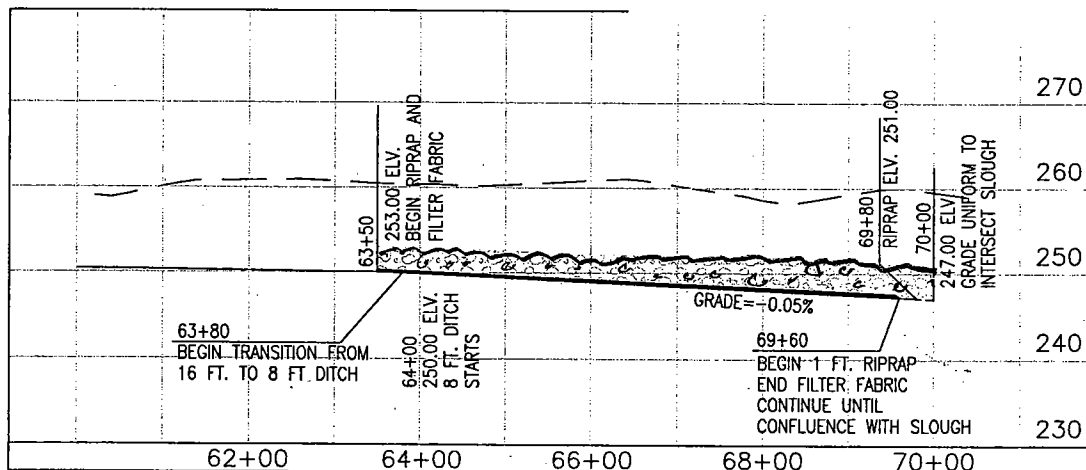
DRAINAGE DITCH PLAN AND PROFILE



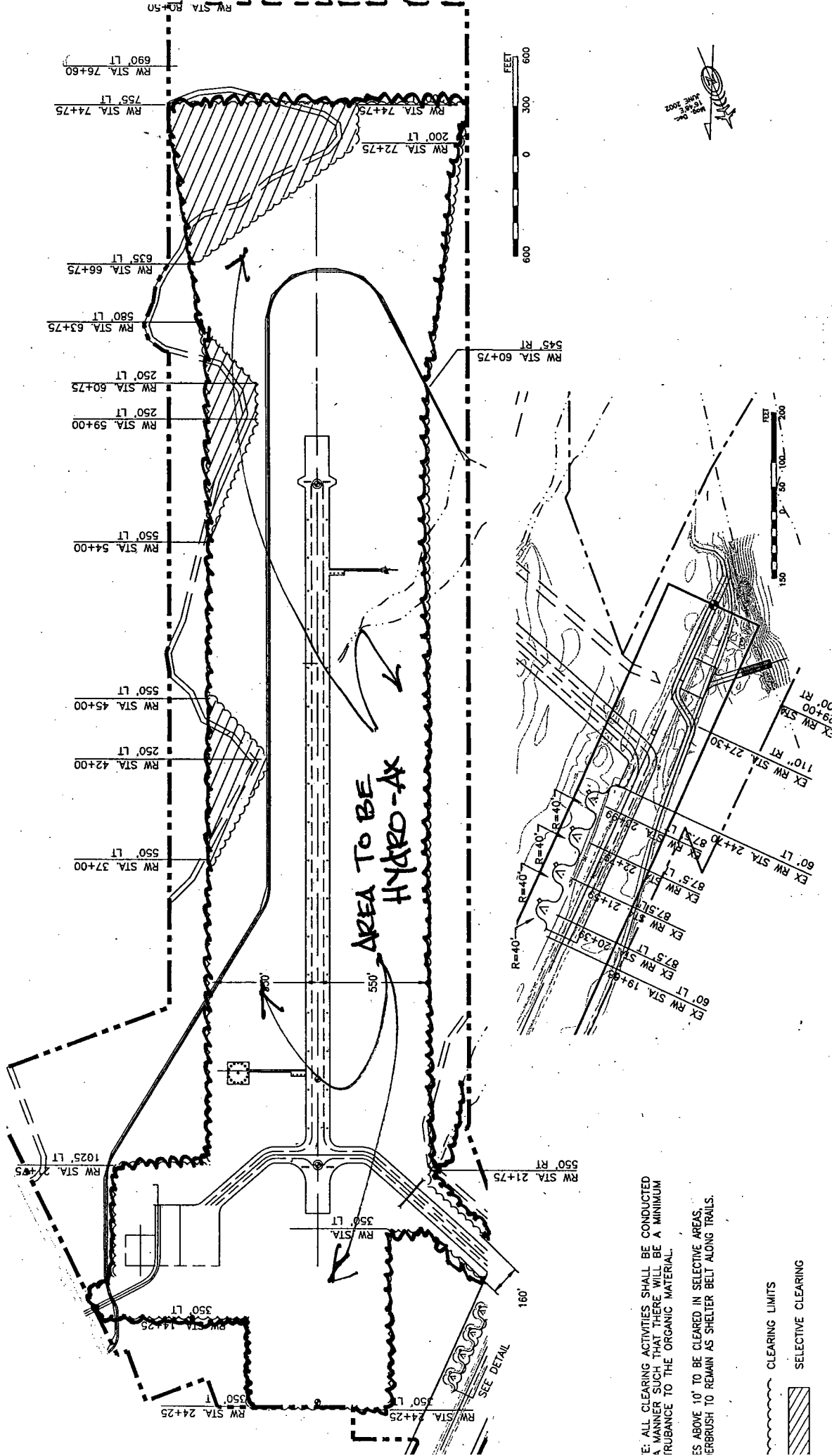
STA. 64+00 TO 69+80

OR AS DIRECTED BY ENGINEER
LAST 20 FT. BEFORE CONFLUENCE
WITH SLOUGH

DRAINAGE DITCH AND CULVERTS SHALL BE INSTALLED IN ACCORDANCE WITH HYDROLOGY REPORT AND AS DIRECTED BY ENGINEER.



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MANLEY HOT SPRINGS AIRPORT RELOCATION
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SHEET 6 OF 14



E: ALL CLEARING ACTIVITIES SHALL BE CONDUCTED IN A MANNER SUCH THAT THERE WILL BE A MINIMUM DISTURBANCE TO THE ORGANIC MATERIAL.

ES ABOVE 10' TO BE CLEARED IN SELECTIVE AREAS, ERBRUSH TO REMAIN AS SHELTER BELT ALONG TRAILS.

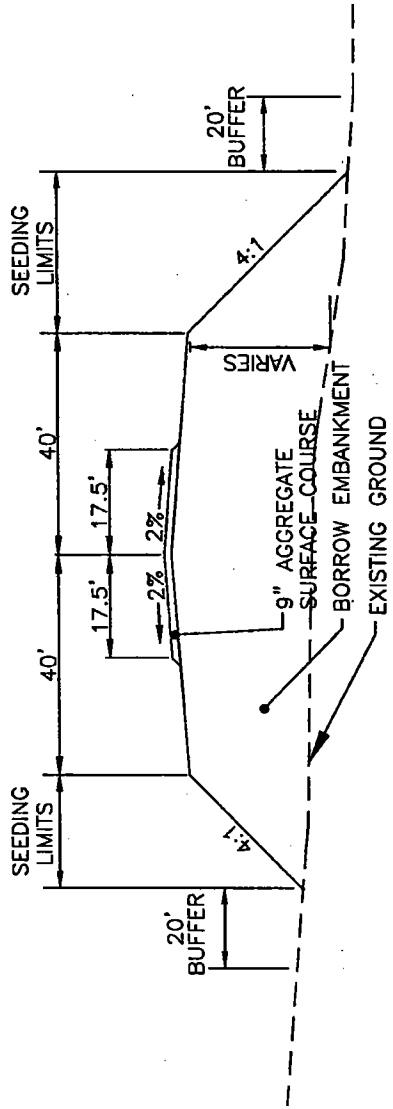
--- CLEARING LIMITS

▨ SELECTIVE CLEARING

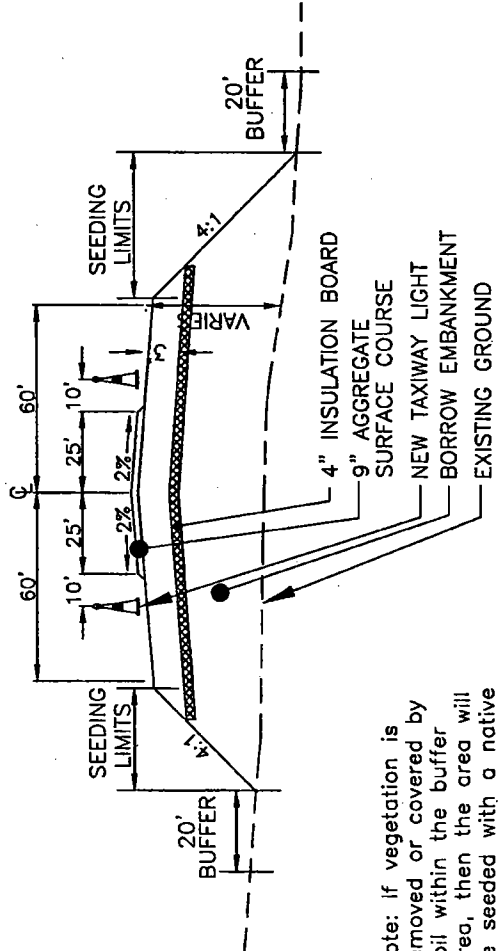
ALL CLEARING ACTIVITIES SHALL BE CONDUCTED WITH A HYDRO-AX THE USE OF A MASTICATING BRUSH CUTTING HEAD IS NOT PERMITTED

STATE OF ALASKA Department of Transportation and Public Facilities 2301 Peger Rd. Fairbanks, Ak 99709
Manley Hot Springs/61564 AIRPORT RELOCATION
MANLEY HOT SPRINGS Tanana River and Manley Hot Springs Slough
DATE: 5/4/05 SHEET: 7 of 14

FOA-2002-393-4 MANLEY HOT SPRINGS AIRPORT

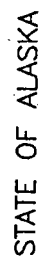


WEST TAXIWAY TYPICAL SECTION



EAST TAXIWAY TYPICAL SECTION

STATE OF ALASKA Department of Transportation and Public Facilities 2301 Peger Rd. Fairbanks, Ak 99709
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Department of Transportation and Public Facilities
2301 Peger Rd. Fairbanks, Ak 99709

Manley Hot Springs/61564

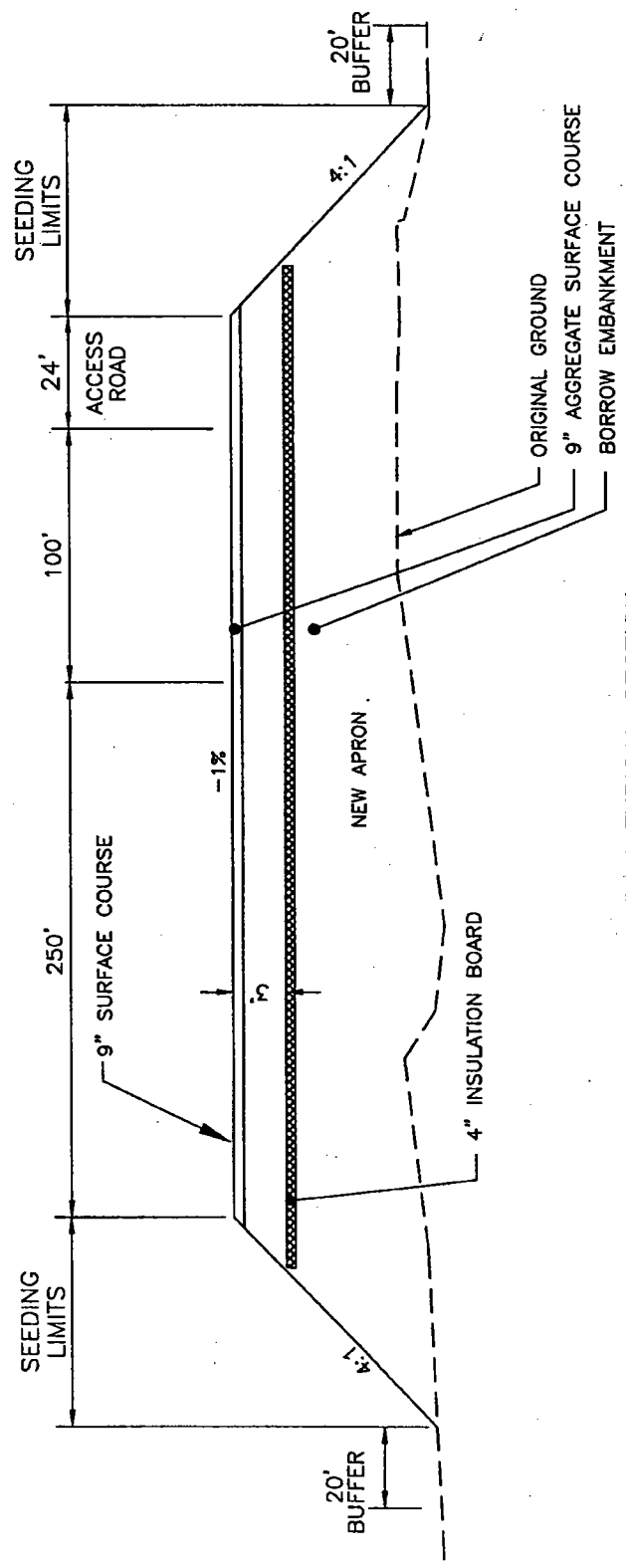
AIRPORT RELOCATION

MANLEY · HOT SPRINGS

Tanana River and Manley Hot Springs Slough

DATE: 5/4/05

PA 2002-393-4 MANLEY Hot Springs Airport



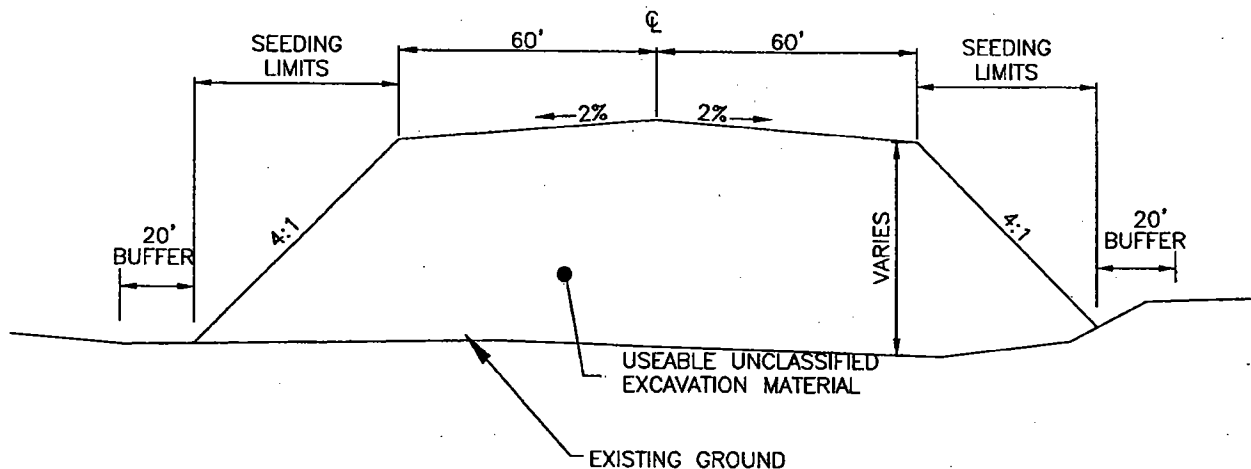
APRON TYPICAL SECTION

Note: If vegetation is removed or covered by soil within the buffer area, then the area will be seeded with a native seed mix.

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MANLEY HOT SPRINGS AIRPORT RELOCATION



SKI STRIP AND SAFETY AREA TYPICAL SECTION

F:\00 Aviation & Community Rds & Buildings\Manley\61564 Manley HS\07 Environmental\Permits\CORPS Permit-TYP11

Note: If vegetation is removed or covered by soil within the buffer area, then the area will be seeded with a native seed mix.

STATE OF ALASKA
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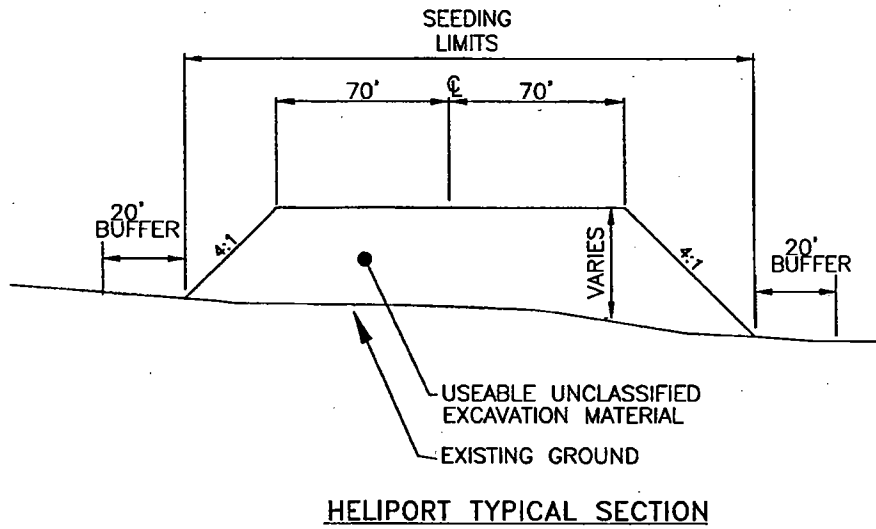
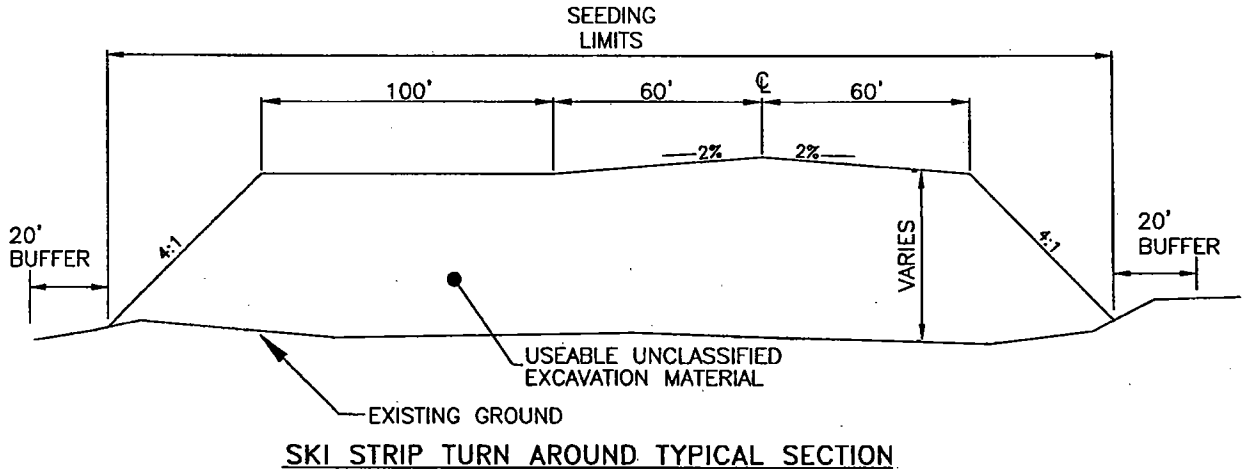
MANLEY HOT SPRINGS

Tanana River and Manley Hot Springs Slough

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 MANLEY HOT SPRINGS AIRPORT RELOCATION



Note: If vegetation is removed or covered by soil within the buffer area, then the area will be seeded with a native seed mix.

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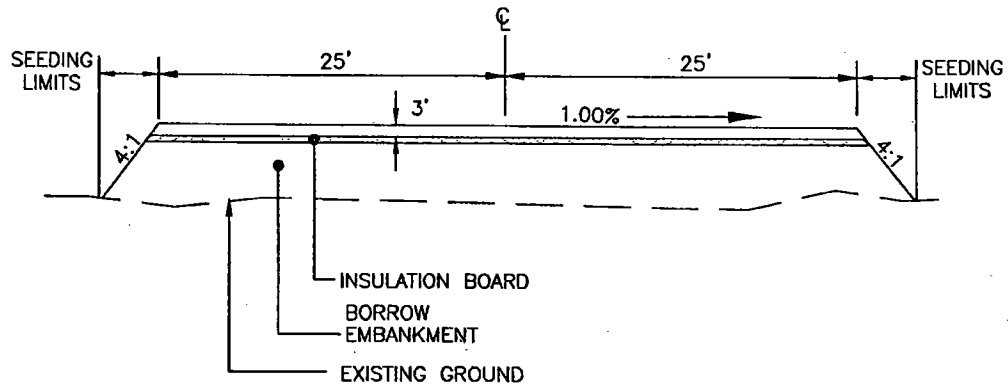
MANLEY HOT SPRINGS

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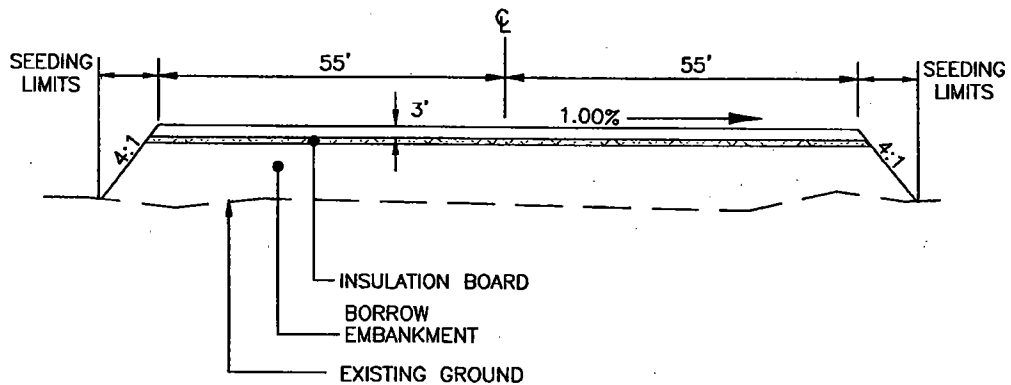
DATE: 5/4/05

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POA 2002-393-4 MANLEY/HOT SPRINGS AIRPORT



AWOS PAD TYPICAL SECTION



SEGMENTED CIRCLE TYPICAL SECTION

Note: If vegetation is removed or covered by soil within the buffer area; then the area will be seeded with a native seed mix.

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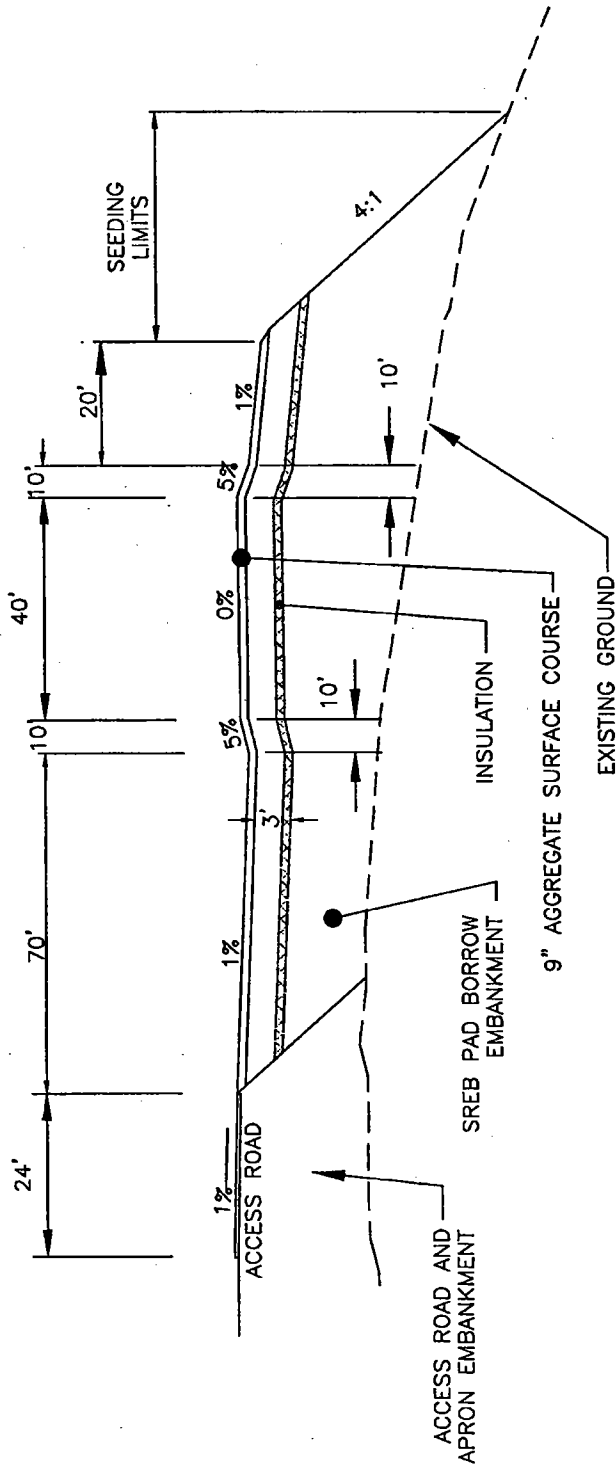
MANLEY HOT SPRINGS

Tanana River and Manley Hot Springs Slough

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POA 2002-3934 MANLEY HOT SPRINGS AIRPORT



SREB PAD TYPICAL SECTION

Note: If vegetation is removed or covered by soil within the buffer area, then the area will be seeded with a native seed mix.

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